

Date Searched: 5/23/2006  
Databases Searched: USPAT, USPGPUB  
Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or fpga or pga or pld or cpld  
L2 (gate near5 leak\$4)  
L3 (power or current or voltage) same (consumption or dissipat\$4 or consum\$2 or leak\$4)  
L4 2 same 3  
L5 1 and 4

Results: 385 hits

L6 716/1-18.ccls. and 5 and @pd>20060322

Results: 1 hit

L7 5 and 713/1,2,100.ccls.

Results: 0 hit

US 20060095872 A1 US-PGPUB McElvain; Kenneth S. et al. 716/1

**\*\*Interference Search\*\***

Database Searched: USPGPUB

Plurals: ON

Terms Searched:

L1 (((programmable adj3 (device or array)) or fpga or pga or pld or cpld) and (gate near5 leak\$4) and (power or current or voltage) same (consumption or dissipat\$4 or consum\$2 or leak\$4) and stack\$3).clm.

Results: 0 hit

Date Searched: 3/22/2006  
Databases Searched: USPAT, USPGPUB  
Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or fpga or pga or pld or cpld  
L2 (gate near5 leak\$4)  
L3 (power or current or voltage) same (consumption or dissipat\$4 or consum\$2 or leak\$4)  
L4 2 same 3  
L5 1 and 4

Results: 385 hits

L6 716/1-18.ccls. and 5 and @pd>20060218

Results: 0 hit

Date Searched: 2/18/2006  
Databases Searched: USPAT, USPGPUB  
Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or fpga or pga or pld or cpld  
L2 (gate near5 leak\$4)  
L3 (power or current or voltage) same (consumption or dissipat\$4 or consum\$2 or leak\$4)  
L4 2 same 3  
L5 1 and 4

Results: 385 hits

L6 716/1-18.ccls. and 5 and @pd>20051223

Results: 1 hit

US 6993737 B1 USPAT Anderson; Jason H. et al. 716/5

Date Searched: 12/23/2005  
Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or fpga or pga or pld or cpld

L2 (gate near5 leak\$4)

L3 (power or current or voltage) same (consumption or dissipat\$4 or consum\$2 or leak\$4)

L4 2 same 3

L5 1 and 4

Results: 385 hits

L6 716/1-18.ccls. and 5

Results: 6 hits

L7 (power or current or voltage) near5 (dissipat\$4 or leak\$4)

L8 1 and 7 and 716/1-18.ccls.

Results: 169 hits

L9 (gate or gated or gating) same 7

L10 8 and 9

Results: 65 hits

L11 stack\$3 near3 transistor

L12 10 and 11

Results: 0 hit

L13 (statistic\$2 or probability or likelihood or likely) same (low or high or on or off or active or inactive or enable\$1 or disable\$1)

L14 13 same 7

L15 1 and 9 and 14

Results: 35 hits

L16 1 and 9 and 11

Results: 110 hits

L17 16 and 716/1-18.ccls.

Results: 0 hit

L18 (statistic\$2 or probability or likelihood or likely) same stack\$3

L19 1 and 9 and 18

Results: 22 hits

L20 1 and (9 same 11)

Results: 3 hits

US 20040216074 A1 US-PGPUB Hart, Michael J. et al. 716/16

US 6324678 B1 USPAT Dangelo; Carlos et al. 716/18

US 6038386 A USPAT Jain; Gitu 716/16

US 5712790 A USPAT Ditlow; Gary Stephen et al. 716/2

US 6345379 B1 USPAT Khouja; Adel et al. 716/4

US 20050091629 A1 US-PGPUB Eisenstadt, Robert et al. 716/13

US 6075932 A USPAT Khouja; Adel et al. 716/4

US 20050097496 A1 US-PGPUB Koike, Hanpei et al. 716/13

US 20040025135 A1 US-PGPUB Hart, Michael J. et al. 716/16

US 6777978 B2 USPAT Hart; Michael J. et al. 326/38

US 6681376 B1 USPAT Balasinski; Artur et al. 716/4

US 6289488 B1 USPAT Dave; Bharat P. et al. 716/1

US 6230303 B1 USPAT Dave; Bharat P. 716/7

US 6562638 B1 USPAT Balasinski; Artur et al. 438/14

US 20050198606 A1 US-PGPUB Gupta, Sanjay et al. 716/18

US 20050071800 A1 US-PGPUB Liu, Ming-Kang 716/18

US 20040250231 A1 US-PGPUB Killian, Earl A. et al. 716/18

US 20030208733 A1 US-PGPUB Sokolov, Serguei A. 716/4

US 6871172 B1	USPAT Sanders; Lester 703/14
US 6480815 B1	USPAT Olson; Janet et al. 703/14
US 6195630 B1	USPAT Mauskar; Ashutosh S. et al. 703/18
US 5949689 A	USPAT Olson; Janet et al. 703/14
US 5508939 A	USPAT Kim; Jaeseok et al. 716/7

Stacked transistors

US 5694055 A	USPAT Shimanek; Schuyler E. 326/37
US 6868014 B1	USPAT Melik-Martirosian; Ashot et al. 365/185.28

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or fpga or pga or pld or cpld

L2 (power or current or voltage) near5 (dissipat\$4 or leak\$4)

L3 (gate or gated or gating) same 2

L4 1 and 3

Results: 31 hits

L5 stack\$3 near3 transistor

L6 4 and 5

Results: 1 hit

L7 (statistic\$2 or probability or likelihood or likely) same stack\$3

L8 1 and 3 and 7

Results: 1 hit

L9 (statistic\$2 or probability or likelihood or likely) same (low or high or on or off or active or inactive or enable\$1 or disable\$1)

L10 1 and 3 and 9

Results: hits

EP 416903 A2 A2, A3 EPO WHITTEN, RALPH G et al.

NN9603163 IBM\_TDB

NN8803247 IBM\_TDB

US 6871172 B DERWENT SANDERS, L

US 6768338 B DERWENT KONDAPALLI, V M et al.

US 5576636 A DERWENT BAUCOM, T L

EP 667679 A A1, B1 DERWENT HANWOOD, M G

NN940169 IBM\_TDB

Database Searched: IEE/IEEE XPlore

Terms Searched: ((programmable <near/3> (device or array)) or fpga or pga or pld or cpld) and

((power or current or voltage) <near/5> (dissipat\* or leak\*)) and (gate or gated or gating)

Results: Your search matched 89 of 1286976 documents.

Terms Searched: ((programmable <near/3> (device or array)) or fpga or pga or pld or cpld) and

((power or current or voltage) <near/5> (dissipat\* or leak\*)) and (gate or gated or gating) and (stack\* <near/5> transistor)

Results: Your search matched 1 of 1286976 documents.

Terms Searched: ((programmable <near/3> (device or array)) or fpga or pga or pld or cpld) and

((power or current or voltage) <near/5> (dissipat\* or leak\*)) and (statistic\* or probability or likelihood or likely) and stack\*

Results: Your search matched **0** documents.

Terms Searched: ((programmable <near/3> (device or array)) or fpga or pga or pld or cpld) and ((power or current or voltage) <near/5> (dissipat\* or leak\*)) and ((statistic\* or probability or likelihood or likely) <near/15> (low or high or on or off or active or inactive or enable\* or disable\*))

Results: Your search matched **4** of **1286976** documents.